

| L Number | Hits | Search Text | DB | Time stamp |
|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|
| 1 | 47449 | dielectric same (sin sic sio sio2 (silicon adj4 (nitride carbide dioxide))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:22 |
| 2 | 48637 | (doping dopant doped dope) with (oxygen nitrogen carbon o ni c) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:22 |
| 3 | 1221 | (dielectric same (sin sic sio sio2 (silicon adj4 (nitride carbide dioxide)))) same ((doping dopant doped dope) with (oxygen nitrogen carbon o ni c)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:22 |
| 4 | 480468 | (sin sic sio sio2 (silicon adj4 (nitride carbide dioxide))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:22 |
| 5 | 5600 | ((sin sic sio sio2 (silicon adj4 (nitride carbide dioxide)))) same ((doping dopant doped dope) with (oxygen nitrogen carbon o ni c)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:23 |
| 6 | 770245 | interconnect interconnection interconnecting interconnected | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:23 |
| 7 | 1559 | ((sin sic sio sio2 (silicon adj4 (nitride carbide dioxide)))) same ((doping dopant doped dope) with (oxygen nitrogen carbon o ni c))) and (interconnect interconnection interconnecting interconnected) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:24 |
| 8 | 693 | ((dielectric same (sin sic sio sio2 (silicon adj4 (nitride carbide dioxide)))) same ((doping dopant doped dope) with (oxygen nitrogen carbon o ni c))) and (interconnect interconnection interconnecting interconnected) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:25 |
| 9 | 6365 | (copper cu metal) same (dope dopant doping dopes doped) same (mg magnesium ca calcium cr chromium zr zirconium) same (ti titanium co cobalt ni nickel ta tantalum) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:30 |
| 10 | 1149224 | ((self adj (align aligning aligned)) skin diffusion diffused diffusing barrier) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:34 |
| 11 | 631704 | (metal ti ni co ta titanium cobalt nickel tantalum) with (silicide oxide nitride carbide) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:37 |
| 12 | 10838 | nisi tisi cosi tasi | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:37 |
| 13 | 639810 | ((metal ti ni co ta titanium cobalt nickel tantalum) with (silicide oxide nitride carbide)) (nisi tisi cosi tasi) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:38 |

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| 14 | 52265 | ((self adj (align aligning aligned)) skin diffusion diffused diffusing barrier)) same ((metal ti ni co ta titanium cobalt nickel tantalum) with (silicide oxide nitride carbide)) (nisi tisi cosi tasi)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:38 |
| 15 | 757 | ((sin sic sio sio2 (silicon adj4 (nitride carbide dioxide))) same ((doping dopant doped dope) with (oxygen nitrogen carbon o ni c))) and (interconnect interconnection interconnecting interconnected)) and (((self adj (align aligning aligned)) skin diffusion diffused diffusing barrier)) same ((metal ti ni co ta titanium cobalt nickel tantalum) with (silicide oxide nitride carbide)) (nisi tisi cosi tasi))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:39 |
| 16 | 419 | ((dielectric same (sin sic sio sio2 (silicon adj4 (nitride carbide dioxide))) same ((doping dopant doped dope) with (oxygen nitrogen carbon o ni c))) and (interconnect interconnection interconnecting interconnected)) and (((self adj (align aligning aligned)) skin diffusion diffused diffusing barrier)) same ((metal ti ni co ta titanium cobalt nickel tantalum) with (silicide oxide nitride carbide)) (nisi tisi cosi tasi))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 13:39 |

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| 1 | 2750 | (copper cu) same (dope dopant doping dopes doped) same (mg magnesium ca calcium cr chromium zr zirconium) same (ti titanium co cobalt ni nickel ta tantalum) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 17:19 |
| 2 | 48637 | (doping dopant doped dope) with (oxygen nitrogen carbon o ni c) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 16:38 |
| 3 | 47449 | dielectric same (sin sic sio sio2 (silicon adj4 (nitride carbide dioxide))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 16:39 |
| 4 | 480468 | (sin sic sio sio2 (silicon adj4 (nitride carbide dioxide))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 16:39 |
| 5 | 770245 | interconnect interconnection interconnecting interconnected | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 16:39 |
| 6 | 1149224 | ((self adj (align aligning aligned)) skin diffusion diffused diffusing barrier) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 16:40 |
| 7 | 631704 | (metal ti ni co ta titanium cobalt nickel tantalum) with (silicide oxide nitride carbide) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 16:40 |
| 8 | 10838 | nisi tisi cosi tasi | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 16:41 |
| 9 | 639810 | ((metal ti ni co ta titanium cobalt nickel tantalum) with (silicide oxide nitride carbide)) (nisi tisi cosi tasi) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 16:41 |
| 10 | 419 | ((dielectric same (sin sic sio sio2 (silicon adj4 (nitride carbide dioxide)))) same ((doping dopant doped dope) with (oxygen nitrogen carbon o ni c))) and (interconnect interconnection interconnecting interconnected)) and (((self adj (align aligning aligned)) skin diffusion diffused diffusing barrier)) same (((metal ti ni co ta titanium cobalt nickel tantalum) with (silicide oxide nitride carbide)) (nisi tisi cosi tasi))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 16:43 |
| 11 | 757 | ((sin sic sio sio2 (silicon adj4 (nitride carbide dioxide)))) same ((doping dopant doped dope) with (oxygen nitrogen carbon o ni c))) and (interconnect interconnection interconnecting interconnected)) and (((self adj (align aligning aligned)) skin diffusion diffused diffusing barrier)) same (((metal ti ni co ta titanium cobalt nickel tantalum) with (silicide oxide nitride carbide)) (nisi tisi cosi tasi))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 16:43 |

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| 12 | 54 | ((copper cu) same (dope dopant doping dopes doped) same (mg magnesium ca calcium cr chromium zr zirconium) same (ti titanium co cobalt ni nickel ta tantalum)) and ((((sin sic sio sio2 (silicon adj4 (nitride carbide dioxide)))) same ((doping dopant doped dope) with (oxygen nitrogen carbon o ni c))) and (interconnect interconnection interconnecting interconnected)) and (((self adj (align aligning aligned)) skin diffusion diffused diffusing barrier)) same ((metal ti ni co ta titanium cobalt nickel tantalum) with (silicide oxide nitride carbide)) (nisi tisi cosi tasi)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 16:44 |
| 13 | 17 | ((copper cu) same (dope dopant doping dopes doped) same (mg magnesium ca calcium cr chromium zr zirconium) same (ti titanium co cobalt ni nickel ta tantalum)) and (((dielectric same (sin sic sio sio2 (silicon adj4 (nitride carbide dioxide)))) same ((doping dopant doped dope) with (oxygen nitrogen carbon o ni c))) and (interconnect interconnection interconnecting interconnected)) and (((self adj (align aligning aligned)) skin diffusion diffused diffusing barrier)) same ((metal ti ni co ta titanium cobalt nickel tantalum) with (silicide oxide nitride carbide)) (nisi tisi cosi tasi)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 16:45 |
| 14 | 85 | ((copper cu) same (dope dopant doping dopes doped) same (mg magnesium ca calcium cr chromium zr zirconium) same (ti titanium co cobalt ni nickel ta tantalum)) same (dielectric same (sin sic sio sio2 (silicon adj4 (nitride carbide dioxide)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/21 17:19 |